



1906.

Annual Report

OF

THE MEDICAL OFFICER OF HEALTH

FOR THE

Borough of Stratford-upon-Avon.



BOROUGH OF STRATFORD-UPON-AVON.

ANNUAL REPORT



OF

**THE MEDICAL OFFICER OF HEALTH,
(1906).**

TO THE MAYOR, ALDERMEN, AND COUNCILLORS
OF THE BOROUGH.

MR. MAYOR AND GENTLEMEN.

I have the honour to submit my Report for the year 1906. For the purpose of estimating the statistics of the Report I have assumed that the population is the same as at the census of 1901, because in the ten years prior to that census there was no increase in population. There is reason to think that by so doing the population is considerably under-estimated, as is confirmed by the number of houses built in the town in recent years. If the population has increased since the census my statistics (except the Birth-rate) are to fractional extent more favourable than as given in the Report.

The Death-rate for 1906 is lower than in any of the preceding ten years, and stands at 13·3 per 1,000 inhabitants. The Death-rate among infants is also extremely low, and about one-half of the average for the preceding decade (vide Table I.). A reference to Table IV. shows that the only death from the notifiable Infectious Diseases was one from Erysipelas.

TABLE I.

BOROUGH OF STRATFORD-UPON-AVON [For Whole District].

YEAR.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	Deaths of		Deaths of Residents registered in Public Institutions beyond the District.	Net Deaths at all Ages belonging to the District.	
		Number.	Rate.*	Under 1 Year of Age.		At All Ages.			Non-residents registered in Public Institutions in the District.	10		Number.	Rate.*
				Number.	Rate per 1,000 Births registered.	Number.	Rate.*						
1	2	3	4	5	6	7	8	9	10	11	12	13	
1896	8318	213	25·6	36	169	163	19·5	38	17		146	17·5	
1897	8318	188	22·6	17	90	147	17·6	44	32		115	13·8	
1898	8318	183	22·	26	140	153	18·3	35	21		132	15·8	
1899	8318	208	25·	21	100	153	18·3	43	31		122	14·6	
1900	8318	175	21·	23	131	172	20·6	43	32		140	16·8	
1901	8310	179	21·5	27	150	166	19·9	47	23		143	17·2	
1902	8310	164	19·7	19	115	141	16·9	45	25		116	13·9	
1903	8310	187	22·5	26	139	156	18·7	36	21		135	16·2	
1904	8310	159	19·1	12	75	139	16·	44	21	1	112	13·4	
1905	8310	177	20·1	21	118	166	19·9	52	37	1	130	15·6	
Averages for years 1896-1905.	8314	183	21·9	22·8	122	155	18·5	42	26		129	15·4	
1906.	8310	187	22·5	11	56·9	150	18	66	39		111	13·3	

* Rates in Columns 4, 8, and 13 calculated by 1,000 of estimated population.

NOTE.—The deaths included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11. By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere. The "Public institutions" taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the institutions in respect of the deaths in which corrections have been made is Stratford-upon-Avon Hospital, Workhouse, and Infectious Hospital.

Area of District in acres (exclusive of area covered by water). 3,865

Total population at all ages, 8,310
 Number of inhabited houses, 1,848
 Average number of persons per house, 4·4

At Census of 1906.

TABLE III.

BOROUGH OF STRATFORD-UPON-AVON.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1906.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.							No. OF CASES REMOVED TO HOSPITAL.						
	At all Ages.	At Ages—Years.					1	2	3	4	5	6	7	1	2	3	4	5	6	7
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.															65 and upwards.
Small-pox ..	1					1								1						
Cholera ..																				
Diphtheria ..	4			1	2	1								3						
Membranous croup																				
Erysipelas ..	3	1				2														
Scarlet fever ..	19		5	12		2								19						
Typhus fever ..																				
Enteric fever ..	3			2		1								3						
Relapsing fever ..																				
Continued fever ..																				
Puerperal fever ..	1				1															
Plague ..																				
Totals ..	31	1	5	15	3	7								26						

ISOLATION HOSPITAL :—JOINT (INFECTIOUS) HOSPITAL, STRATFORD-UPON-AVON.

In Table III. is given a list of the Infectious Disease notified in the course of the year, and as shown there, the number of cases of Scarlet Fever has much declined as compared with former years.

There were four cases of Diphtheria, which all occurred in the mild humid weather which prevailed at the end of the year. There was no apparent association of one case with another. One was in Wood Street, one in Henley Street, one at Lower Clopton, and one was evidently imported in a child from outside sent to the Nursing Home. The end of the year had climatic conditions most favourable to the fostering of Diphtheria. Of the four cases, three were nursed in Hospital and one was safely isolated at home. Enteric Fever was notified in three instances, but these were all cases imported from outside and sent in to Hospital. One was from Chipping Campden and two came from Henley-in-Arden.

The Puerperal Fever case was notified in Mansell Street, and was duly reported upon to the executive of the Central Midwives Board, as is now required.

SCHOOLS.

National School was closed for two weeks beginning February 26th, for Measles.

HOUSING OF THE WORKING CLASSES.

No action was entered upon under the Act with respect to house property.

WATER SUPPLY.

The periodical analyses of the town supply evinced satisfactory results during the past year.

SEWERAGE AND DRAINAGE.

The new Sewage Disposal Works are now in working order, and I understand are effecting their purpose most efficiently.

HEALTH VISITORS.

It may confidently be expected that the periodic visits of the lady Health Visitors will lead to a decrease in sickness and mortality among young children. I consider their visits to houses among the poor, where there are infants in the family, will be a great benefit.

While it is true that in Stratford we have not to face the difficulty which obtains in many places, that the poor cannot obtain a satisfactory supply of milk for bottle-fed infants, at the same time there are many young children brought up in the town whose mothers would benefit by correct knowledge of how a baby should be fed.

While on this subject it is not out of place to remark that if in warm weather it is, from a commercial point of view, necessary to add preservatives to milk, it is also necessary for the welfare of infants fed on such milk to keep the amount of preservative as low as possible. I have seen milk in the Borough which was far from being treated on these lines.

VACCINATION.

Returns on the subject are given at the end of this Report.

I am,

Your obedient Servant,

ARTHUR THOMSON.



TABLE IV.

BOROUGH OF STRATFORD-UPON-AVON.

CAUSES OF AND AGES AT DEATH DURING YEAR 1906.

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Deaths at all ages of "Residents" belonging to localities whether occurring in or beyond the District.			Total Deaths whether of "Residents" or "non-Residents" in Public Institutions in the District.
	All ages	Under 1 year.	1 and under 5.	5 and under 15	15 and under 25	25 and under 65	65 and upwards	9	10	11	
Small-pox											
Measles	2		2								
Scarlet fever											
Whooping-cough											
Diphtheria and membranous croup											1
Croup											
Fever { Typhus											
{ Enteric											
{ Other continued											
Epidemic influenza	3						3				3
Cholera											
Plague											
Diarrhœa	2		1				1				
Enteritis											1
Puerperal fever											
Erysipelas	1	1									
Other septic diseases											
Phthisis, (Pulmonary Tuberculosis)	3				1	2					1
Other tubercular diseases	3		1	1		1					
Cancer, malignant disease	10					6	4				2
Bronchitis	3					1	2				1
Pneumonia	6	1	1	1		3					4
Pleurisy											
Other diseases of Respiratory organs											
Alcoholism } Cirrhosis of liver }											
Venereal diseases											1
Premature birth	2	2									1
Diseases and accidents of parturition											
Heart diseases	15	1		1		3	10				10
Accidents	3				1	1	1				2
Suicides	1					1					
All other causes	57	6		1	1	7	42				39
All causes	111	11	5	4	3	25	63				66

BOROUGH OF STRATFORD-UPON-AVON.

INFANTILE MORTALITY DURING THE YEAR 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under one Year.
All Causes	Certified ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoeal Diseases	Diarrhoea, all forms ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis, Muco-enteritis, Gastro-enteritis, Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	...	1	1	2	...	...	...	...	...	1	...	...	...	...	...	...	3
	Congenital Defects	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk, Starvation, Atrophy, Debility, Marasmus	...	...	...	...	2	...	1	1	...	...	...	...	...	...	...	...	4
Tuberculous Diseases	Tuberculus Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tuberculous Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes	Erysipelas	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
	Suffocation, overlying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Population Estimated to middle of 1906, 8310.

 Births in the year { legitimate 172.
 illegitimate 15.

 Deaths in the year of { legitimate infants, 10.
 illegitimate infants, 1.

Deaths from all Causes at all Ages.. 111.

URBAN DISTRICT OF STRAFORD-UPON-AVON.

Administration of the Factory and Workshop Act, 1901, in connection with
 FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, AND HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (Including Factory Laundries.)			
Workshops (Including Workshop Laundries.)	123	4	
Workplaces (Other than Outworkers' premises included in Part 3 of this Report.)			
Total			

2.—DEFECTS FOUND.

Particulars. (1)	Number of Defects.			Number of Pros- ecutions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	3	3		
Want of ventilation	1	1		
Overcrowding				
Want of drainage of floors				
Other nuisances				
Sanitary accommodation { insufficient unsuitable or defective not separate for sexes				
<i>Offences under the Factory and Workshop Act:</i>				
Illegal occupation of underground bake- house (s. 101)				
Breach of special sanitary requirements for bakehouses (ss. 97 to 100.)				
Other offences (Excluding offences relating to out- work which are included in Part 3 of this Report.)				
Total	4	4		

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year. (1)	Number. (2)
82	82
Total number of workshops on Register	82

STRATFORD-UPON-AVON URBAN SANITARY DISTRICT.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the Year 1906.

SANITARY WORK.			Inspections and Observations made.	Formal Notices by Authority.	Nuisances abated after Notice.
Dwelling Houses and Schools.	{ Foul Conditions..	..	18	18	18
	{ Structural Defects	..	13	11	11
	{ Overcrowding ..	..	1	1	1
	{ Unfit for Habitation	..	—	—	—
	Lodging Houses..	..	13	3	3
	Dairies and Milkshops	..	Regularly 2	2	2
	Cow Sheds ..	..	" 1	1	1
	Bakehouses ..	..	" 5	5	5
	Slaughter-Houses	..	" 1	1	1
	Canal Boats ..	..	8	—	—
	Ash-pits and Privies	..	12	10	10
	Deposits of Refuse and Manure	..	18	18	18
House Drainage.	Water-Closets ..	..	24	19	22
	{ Defective Traps..	..	14	11	13
	{ No Disconnection	..	6	6	6
	{ Other Faults ..	..	11	11	11
	Water Supply ..	..	4	4	4
	Pigsties ..	..	—	—	—
	Animals improperly kept	..	2	2	2
	Offensive Trades	..	—	—	—
	Smoke Nuisances	..	—	—	—
	Other Nuisances	..	18	15	15
TOTALS			.. 162	138	143
Seizures of unwholesome food ..			No.		
Samples of Food taken for Analysis ..			2		
" " found Adulterated ..			2		
" of Water taken for Analysis ..			2		
" " condemned as unfit for use ..			2		
NOTE.—Where an inspection or notice embraces more than one defect, it may be enumerated separately as regards each such defect.					

STRATFORD-UPON-AVON RURAL
DISTRICT.

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ANNUAL REPORT

OF

THE MEDICAL OFFICER OF HEALTH

FOR THE

Rural District of Stratford-upon-Avon

FOR THE

~ YEAR 1906. ~

Annual Report

OF

THE MEDICAL OFFICER OF HEALTH.

TO THE CHAIRMAN AND MEMBERS OF THE RURAL
DISTRICT COUNCIL OF STRATFORD-UPON-AVON.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

The following, which I have the honour to submit, is my Report on the Health of the District for the year 1906.

During the year the Death-rate was almost exactly the same as the average of the preceding ten years. The Birth-rate was a little above the average, but was a low rate, being 24·5 per 1,000 inhabitants. With this low birth-rate it seems clear that as time goes on there is less mortality among infants, and this is what would naturally be expected ; for in the small family among the poorer of the population the young infant has more cubic space and a better chance of adequate nourishment than in a crowded cottage.

INFECTIOUS DISEASE.—There has been a great decrease in the number of cases of Scarlet Fever notified, only one-seventh of the number notified in 1905, and there were no deaths from the disease.

Of the six cases notified two came from Henley-in-Arden, one from Snitterfield, one from Langley, one from Wolverton, and one from Wellesbourne. Five were sent to Hospital.

The number of cases of Diphtheria was much in excess of the average annual amount. In Wolverton Parish there were twelve cases, at Alveston and Tiddington there were five, and at the Crofts, Banbury Road, four. One came from Henley-in-Arden. Nineteen of these twenty-two cases were sent to Hospital. There were two deaths. There was one case of Membranous Croup, which was notified from Kineton.

ENTERIC FEVER.—Four cases were notified. Of these three came from Henley-in-Arden, and one from Kineton. Two of the Henley-in-Arden cases were clearly associated with defective drainage of the premises occupied.

PUERPERAL FEVER.—One case of this was notified from Wolverton.

WATER SUPPLY OF THE DISTRICT.

From the results of analysis the water supplies of those parts of the District which have water works remain at a satisfactory degree of purity, and Henley-in-Arden, Kineton, Loxley, and Alveston, may be said to have water supplies of a quality not commonly found in small centres of population. Wellesbourne is now the only large village in the District dependent upon wells.

SEWERAGE AND DRAINAGE.

In the course of the year the new sewage disposal of Kineton has been carried out, and when completed by connections throughout the place the scheme promises to render Kineton most admirably fitted out from a sanitary point of view.

As regards Wellesbourne, I regret to be unable to report much advance in carrying out the much-needed drainage of the place. In looking at the situation of Wellesbourne, and the fact that the land only falls from it in one direction, it would seem to be a natural deduction that on broad lines there was only one way to undertake sewerage it, and one direction where to construct the outfall. To the present time, however, the matter has been delayed by the consideration of rival schemes.

HOUSING OF THE WORKING CLASSES.

A Certificate was issued during the year with reference to a house in Market Square, Kington.

SCHOOLS CLOSED.

SCHOOL.	PERIOD OF CLOSURE.	CAUSE.
Wootten-Wawen	Jan. 5th to Jan. 19th	Measles
Henley-in-Arden	Jan. 26th to Feb. 9th	Measles
Combroke	March 27th for a week	Whooping Cough
Ettington	May 15th to June 16th	Measles
Wolverton	Oct. 9th to Nov. 17th	Diphtheria
Henley-in-Arden	Oct. 15th to Nov. 10th	Measles

I am,

Your obedient Servant,

ARTHUR THOMSON, M.B., D.P.H.,

Medical Officer of Health.



TABLE I.

STRATFORD-UPON-AVON RURAL DISTRICT [For Whole District].

Y <small>EAR</small> .	Population estimated to middle of each Year.	B <small>IRTHS</small> .		T <small>OTAL DEATHS REGISTERED IN THE</small> D <small>ISTRICT</small> .				T <small>OTAL DEATHS</small> IN P <small>UBLIC</small> I <small>NS</small> T <small>ITU</small> T <small>IONS</small> IN T <small>HE</small> D <small>ISTRICT</small> .	Deaths of Non- residents registered in Public Institu- tions in the District. 10	Deaths of Residents registered in Public Institu- tions beyond the District. 11	N <small>ET DEATHS AT ALL</small> A <small>GES</small> BELONGING TO THE D <small>ISTRICT</small> .	
		N <small>UMBER</small> .	R <small>ATE</small> .*	U <small>NDER 1 YEAR OF AGE</small> .		A <small>T ALL AGES</small> .					N <small>UMBER</small> .	R <small>ATE</small> .*
				N <small>UMBER</small> .	R <small>ATE PER</small> 1,000 B <small>IRTHS</small> REGISTERED.	N <small>UMBER</small> .	R <small>ATE</small> .*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1896	11022	263	23·8	30	114·	139	12·6			17	156	14·1
1897	10934	264	24·1	26	98·4	144	13·1			26	170	15·5
1898	10847	256	23·6	36	140·	158	14·5			17	175	16·1
1899	10759	240	22·3	30	125·	156	14·4			23	179	16·6
1900	10671	220	20·6	15	68·1	147	13·7			21	167	15·6
1901	10589	250	23·6	22	88·	144	13·5	1		19	163	15·3
1902	10589	195	18·4	16	82·	135	12·7	4		16	147	13·8
1903	10589	234	22·	22	94·	140	13·2	1	1	13	152	14·3
1904	10589	233	22·	15	64·3	133	12·5			14	147	13·8
1905	10589	216	20·3	11	50·9	112	10·4	3	2	27	137	12·9
Averages for years 1896-1905.	10717	237	22·	22·3	92	140	13·	—	—	19	159	14·8
1906.	10589	260	24·5	15	57·6	125	11·8	—	—	31	156	14·7

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district. The deaths included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11. By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere. Institutions within the District receiving sick and infirm persons from outside the District:—Glendossil Asylum, Henley-in-Arden. Institutions outside the District receiving sick and infirm persons from the District:—Stratford-upon-Avon Hospital, the Stratford-upon-Avon Union Workhouse, Stratford-upon-Avon Nursing Home, Stratford-upon-Avon Joint (Infectious) Hospitals.

Area of District in acres (exclusive of area covered by water).

58,000.

Total population at all ages, 10,603

At

Census of 1901

BLE II.

STRATFORD-UPON-AVON RURAL DISTRICT.

Vital Statistics of separate Localities in 1906 and previous years.

Names of localities.	Stratford-on-Avon Registration Sub-District.				Wellesbourne Registration Sub-District.				Wootton Waven Registration Sub-District.			
	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1901 ...	1290	37	9	2	5307	122	77	7	3992	91	77	13
1902 ...	1290	36	17	3	5307	92	74	7	3992	67	56	6
1903 ...	1290	37	20	5	5307	125	60	8	3992	72	72	9
1904 ..	1290	33	20	1	5307	108	57	7	3992	92	56	7
1905 ...	1290	29	17	2	5307	109	62	8	3992	78	58	1
Averages of Years 1901 to 1905.	1290	34.4	16.6	2.6	5307	111	66	7.4	3992	80	63.8	7.2
1906 ...	1290	37	16	3	5307	136	70	6	3992	87	70	6

TABLE III.

RURAL DISTRICT OF STRATFORD-UPON-AVON.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1906.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.						No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.							
	At all Ages.	At Ages—Years.					Stratford-on-Avon Sub-Dist.	Welles-bourne Sub-District.	Wootton-Wawen Sub-Dist.	4	5	6	7	Stratford-on-Avon Sub-Dist.	Welles-bourne Sub-District.	Wootton-Wawen Sub-Dist.	4	5	6	7
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.															65 and upwards.
Small-pox ..	..																		
Cholera ..	..																		
Diphtheria ..	22	7	12		3		9	13							7	12				
Membranous eroup	1		1				1													
Erysipelas ..																				
Scarlet fever ..	6	1	3	2			1	5							1	4				
Typhus fever ..																				
Enteric fever ..	4		3		1		1	3								2				
Relapsing fever ..																				
Continued fever ..																				
Puerperal fever ..	1				1			1												
Plague ..	..																		
Totals ..	34	8	19	2	5		12	22							8	18				

ISOLATION HOSPITAL:—IN THE BOROUGH OF STRATFORD-UPON-AVON.

TABLE IV.

RURAL DISTRICT OF STRATFORD-UPON-AVON.

CAUSES OF AND AGES AT DEATH DURING YEAR 1906.

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Deaths at all ages of "Resi- dents" belonging to local- ities whether occurring in or beyond the District.			Total Deaths whether of "Residents" or "non- Residents" in Public Institutions in the District.
	All ages	Under 1 year.	1 and under 5.	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Strat- ford- upon- Avon Reg. Sub- Dist.	Welles- bourne Reg. Sub- Dist.	Wootton Bacon Reg. Sub- Dist.	
Small-pox ...											
Measles ...	1	1								1	
Scarlet fever...											
Whooping-cough ...	1	1								1	
Diphtheria and membranous croup	2	2							2		
Croup ...											
Fever { Typhus ...											
Enteric ...											
Other continued											
Epidemic influenza ...	5					1	4		1	4	
Cholera ...											
Plague ...											
Diarrhœa ...	1	1							1		
Enteritis ...											
Puerperal fever ...	2					2			2		
Erysipelas ...	1					1			1		
Other septic diseases ...											
Phthisis, (Pulmonary Tuberculosis)	8				2	6			4	4	
Other tubercular diseases ...	1	1							1		
Cancer, malignant disease ...	13					7	6	2	5	6	
Bronchitis ...	10	3				1	6	2	3	5	
Pneumonia ...	6	1				3	2		2	4	
Pleurisy ...											
Other diseases of Respiratory organs	2					1	1	1	1		
Alcoholism } Cirrhosis of liver }	1					1			1		
Venereal diseases ...											
Premature birth ...	4	4						1	1	2	
Diseases and accidents of parturition	2					2				2	
Heart diseases ...	18					3	15	1	8	9	
Accidents ...	5	1				2	2	1	1	3	
Suicides ...	1						1		1		
All other causes ...	72	6	1		1	13	51	8	36	28	
All causes ...	156	15	7		3	43	88	16	71	69	

TABLE V

RURAL DISTRICT OF STRATFORD-UPON-AVON.

INFANTILE MORTALITY DURING THE YEAR 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under one Year.
All Causes	Certified ...	6	2				1	3							1			13
	Uncertified ...						2											2
Common Infectious Diseases	Small-pox ...																	
	Chicken-pox ...																	
	Measles ...																	
	Scarlet Fever ...																	
	Diphtheria: Croup ...																	
	Whooping cough ...																	
Diarrhoeal Diseases	Diarrhœa, all forms ...														1			1
	Enteritis, Muco-enteritis, Gastro-enteritis																	
	Gastritis, Gastro-intestinal Catarrh																	
Wasting Diseases	Premature Birth ...	4				4												4
	Congenital Defects ...		1			1												1
	Injury at Birth ...																	
	Want of Breast-milk, Starvation						1											1
	Atrophy, Debility, Marasmus	1				1			1									1
Tuberculous Diseases	Tuberculus Meningitis																	
	Tuberculous Peritonitis: Tabes Mesenterica																	
	Other Tuberculous Diseases																	
Other Causes	Erysipelas ...																	
	Syphilis ...																	
	Rickets ...																	
	Meningitis (not Tuberculous)																	
	Convulsions ...		1			1												1
	Bronchitis...	1				1			2									3
	Laryngitis ...																	
	Pneumonia ...																	
	Suffocation, overlying																	
	Other Causes ..						2		1									3
						8												15

Population Estimated to middle of 1906, 10,589.

Births in the year { legitimate 250.
 illegitimate 10.

Deaths in the year of { legitimate infants, 15.
 illegitimate infants, 0.

Deaths from all Causes at all Ages..15

RURAL DISTRICT OF STRAFORD-UPON-AVON.

Administration of the Factory and Workshop Act, 1901, in connection with
 FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, AND HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (Including Factory Laundries.)	27	2	
Workshops (Including Workshop Laundries.)			
Workplaces (Other than Outworkers' premises included in Part 3 of this Report.)			
Total	27	2	

2.—DEFECTS FOUND.

Particulars. (1)	Number of Defects.			Number of Prose- cutions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	2	2		
Want of ventilation				
Overcrowding				
Want of drainage of floors				
Other nuisances				
Sanitary accommodation { insufficient { unsuitable or defective { not separate for sexes				
<i>Offences under the Factory and Workshop Act:</i>				
Illegal occupation of underground bake- house (s. 101)	2	2		
Breach of special sanitary requirements for bakerhouses (ss. 97 to 100.)				
Other offences				
(Excluding offences relating to out- work which are included in Part 3 of this Report.)				
Total	2	2		

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year. (1)	Number. (2)
87	87
Total number of workshops on Register	87

STRATFORD-UPON-AVON RURAL SANITARY DISTRICT.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the Year 1906.

SANITARY WORK.			Inspections and Observations made.	Formal Notices by Authority.	Nuisances abated after Notice.
Dwelling Houses and Schools.	Foul Conditions..	..	12	11	12
	Structural Defects ..	..	13	13	13
	Overcrowding ..	..	2	2	2
	Unfit for Habitation ..	..	3	3	3
	Lodging Houses.. (1)	..	Regularly		
	Dairies and Milkshops ..	..	"	1	1
	Cow Sheds ..	..	"	2	2
	Bakehouses ..	..	"	2	2
	Slaughter-Houses ..	..	"	—	—
	Canal Boats ..	..	5	—	—
House Drainage.	Ash-pits and Privies ..	..	18	16	18
	Deposits of Refuse and Manure	..	13	13	13
	Water-Closets ..	..	9	8	9
	Defective Traps..	..	17	16	16
	No Disconnection ..	..	5	5	5
	Other Faults ..	..	21	21	19
	Water Supply ..	..	14	14	14
	Pigsties ..	..	—	—	—
	Animals improperly kept ..	..	1	1	1
	Offensive Trades ..	..	—	—	—
	Smoke Nuisances ..	..	—	—	—
	Other Nuisances ..	..	15	15	14
TOTALS ..			148	143	144
Seizures of unwholesome food ..			No.		
Samples of Food taken for Analysis ..					
" " found Adulterated ..					
" of Water taken for Analysis ..			6		
" " condemned as unfit for use ..			3		
NOTE.—Where an inspection or notice embraces more than one defect, it may be enumerated separately as regards each such defect.					

THE RURAL DISTRICT OF MARSTON
SICCA.



ANNUAL REPORT

OF

THE MEDICAL OFFICER OF HEALTH

FOR THE

Rural District of Marston Sicca,

FOR THE

YEAR 1906.

Annual Report

OF

THE MEDICAL OFFICER OF HEALTH.

(1906.)

TO THE MARSTON SICCA DISTRICT COUNCIL.

MR. CHAIRMAN AND GENTLEMEN,

I beg to present my Annual Report on the health of the district for the year 1906.

The Vital Statistics of a district which is entirely agricultural in character as the Marston Sicca District is are apt to yield figures which would be considered as most unsatisfactory if they were the statistics of a town. This results from the agricultural population having a larger proportion of aged people as a component, and consequently fewer births and more deaths than would occur normally.

The Vital Statistics are to be seen on the lowest line of Table I.

The District has been entirely free from deaths due to the principal zymotic diseases, and during the year the only Infectious Disease notified has been three cases of Diphtheria, two at Weston and one at Long Marston, which received due investigation.

SEWERAGE AND DRAINAGE.

It seems probable to me that the construction of a good modern sewer in Welford is a matter that will need consideration in time to come. The Village is increasing in size, and the influx of summer

visitors must lead to increase of sewage to be dealt with. As the village is wholly supplied from surface wells too great care cannot be taken in the provision of good drainage, as once the subsoil gets contaminated from defective pipes or sewers the water supply would go wrong and the prosperity of the place receive a severe check.

HOUSING OF THE WORKING CLASSES.

Some of the Long Marston cottages are barely up to a fair standard and incapable of being rendered so, but their condemnation would not effect anything in the interests of sanitation.

WATER SUPPLY.

The gaugings at Rumer Hill, with the view of finding a water supply, were completed in the course of the year, and apparently, if provision was made to tide over the summer and early autumn by adequate storage, enough water could be obtained for the village. It is not contended by anyone that such a water supply is an ideal one, as it comes off arable land, and would have to be filtered. But, considering the deplorable nature of the existing supply from pond-holes, which catch the surface water in the village, it would seem a reasonable scheme to go to Rumer Hill if there is no hope of the Evesham Villages Water Scheme being extended to Long Marston. I would advise your Council to push on with the matter, and to obtain a water supply for the village from any available source, and preferably from the Villages Water Scheme, if this is possible.

I am,

Your obedient Servant,

ARTHUR THOMSON,

MARSTON SIOCCA RURAL DISTRICT [For Whole District].

TABLE I.

Y ^E A ^R .	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTI- TIONS IN THE DISTRICT.	Deaths of Non- residents registered in Public Insti- tutions in the District.		Deaths of Residents registered in Public Insti- tutions beyond the District.		Nett Deaths at all Ages belonging to the District.	
		Number.	Rate.*	Under 1 Year of Age.		At All Ages.			Number.	Rate.*	Number.	Rate.*		
				Number.	Rate per 1,000 Births registered.	Number.	Rate.*							
1	2	3	4	5	6	7	8	9	10	11	12	13		
1896														
1897														
1898														
1899														
1900	1496	42	28.0	3	70	25	16.7			5	30	20		
1901	1481	26	17.5	4	153	21	14.1			2	23	15.5		
1902	1465	30	20.4	3	100	27	18.4			6	33	22.5		
1903	1449	29	20.0	8	275	21	14.4			5	26	17.9		
1904	1434	30	20.9	1	33.3	24	16.7			2	24	16.7		
1905	1419	28	19.7	5	178	19	13.3			3	22	15.5		
Averages for years 1896-1905.	1457	30	21	4	134	22	15.6			3	26	18		
1906.	1405	20	14.2	2	100	20	14.2			7	27	19.2		

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population

NOTE.—The deaths included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11. By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents," is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere. The "Public institutions" taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of deaths in which corrections have been made is:—Stratford-on-Avon Hospital, Infectious Hospital, and Workhouse.

Total population at all ages, 1,485 } At
1901. } Census of 1901.

8,286.

Area of District in acres
(exclusive of area
covered by water).

TABLE III.

MARSTON SICCA RURAL DISTRICT (GLOS).

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1906.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.						No. of CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.							
	At all Ages.	At Ages—Years.					Weston-on-Avon.	Long Marston.	3	4	5	6	7	Weston-on-Avon.	2	3	4	5	6	7
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.															65 and upwards.
Small-pox																			
Cholera																			
Diphtheria ..	3		1	2			2	1						1						
Membranous croup																				
Erysipelas																			
Scarlet fever																			
Typhus fever																			
Enteric fever																			
Relapsing fever																			
Continued fever																			
Puerperal fever																			
Plague																			
Totals																			

ISOLATION HOSPITAL:—JOINT (INFECTIOUS) HOSPITALS, STRATFORD-ON-AVON.

TABLE IV.

DISTRICT OF MARSTON SICCA (GLOS.)

CAUSES OF AND AGES AT DEATH DURING YEAR 1906.

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Deaths at all ages of "Resi- dents" belonging to local- ities whether occurring in or beyond the District.							Total Deaths whether of "Residents" or "non- Residents" in Public Institutions in the District.
	All ages	Under 1 year.	1 and under 5.	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Clifford Chamb's	Dors- ington.	Long Marston	Preston- on-Stour	Welford on-Avon	Weston- on-Avon		
Small-pox														
Measles														
Scarlet fever														
Whooping-cough														
Diphtheria and membranous croup	...														
Croup														
Fever {	Typhus ...	...												
	Enteric ...	...												
	Other continued ...	...												
Epidemic influenza	1				1					1				
Cholera														
Plague														
Diarrhœa														
Enteritis														
Puerperal fever														
Erysipelas														
Other septic diseases														
Phthisis, (Pulmonary Tuberculosis)	...	1				1						1			
Other tubercular diseases	...														
Cancer, malignant disease	...	3				2	1		1	1	1				
Bronchitis	2					2	1				1			
Pneumonia														
Pleurisy														
Other diseases of Respiratory organs	...														
Alcoholism } Cirrhosis of liver }	...														
Venereal diseases	1				1						1			
Premature birth														
Diseases and accidents of parturition	...														
Heart diseases	4					4	1				2	1		
Accidents														
Suicides	1				1				1					
All other causes	14	2		1	1	10	1		2	5	5	1		
All causes	27	2		1	7	17	3	1	4	7	10	2		

TABLE V

MARSTON SICCA RURAL DISTRICT.

INFANTILE MORTALITY DURING THE YEAR 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under one Year.
All Causes	Certified ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoeal Diseases	Diarrhoea, all forms ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis, Muco-enteritis, Gastro-enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Congenital Defects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk, Starvation	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Tuberculous Diseases	Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tuberculous Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
																		2

Population Estimated to middle of 1906, 1405.

Births in the year { legitimate 19.
illegitimate 1.Deaths in the year of { legitimate infants, 2.
illegitimate infants, 0.

Deaths from all Causes at all Ages. 27.

JOINT INFECTIOUS HOSPITALS

OF THE

BOROUGH OF STRATFORD-UPON-AVON

AND THE

Parish of Stratford-upon-Avon

AND

Warwick.

.....

Matron :

Medical Superintendent :

MISS TIDY.

ARTHUR THOMSON, M.B.

JOINT HOSPITALS,

STRATFORD-ON-AVON.



Number of Patients admitted during 1906.

MONTH.	SCARLET FEVER.	DIPHTHERIA.
January ...	2	—
February ..	1	—
March ...	0	—
April	1	—
May	2	—
June	0	2
July	4	2
August	3	1
September ...	0	2
October	7	9
November ...	2	4
December ...	2	3
Total ..	24	23

There were nineteen Scarlet Fever cases and three Diphtheria cases sent in from the Borough. Stratford-on-Avon Rural District sent in five cases of Scarlet Fever and nineteen Diphtheria cases.

Marston Sicca Rural District sent in one case of Diphtheria. There was one death in the year from paralysis following Diphtheria.

At Belle Vue Hospital a case of Small-pox was admitted. Although these buildings had been empty for a long time it was found possible to warm them fit to receive a patient, and also to find a nurse and a cook on the same day as the case was notified. I have to thank Mr. Brook, the Sanitary Inspector, and Miss Tidy, the Infectious Hospital Matron, for energetic and prompt action in carrying out the preparations necessary in so short a time.

It is no light task to take an empty building in an out-of-the-way spot, and fit it out with servants, nurse, food, water, fuel, and light at a few hours' notice.

ARTHUR THOMSON.

